

Critical Thinking

Levels of Organization

Levels

The cell is the basic unit of life activity.

Cells that have similar functions and that work together make up tissues.

Tissues that have similar functions and that work together make up organs.

Organs that have similar functions and that work together make up organ systems.

Organ systems that work together make up organisms.

Vocabulary

- ☐ **organ**—A working group of tissues with similar functions.
- ☐ **organism**—An independent living thing; may be a single cell, often a working group of organ systems.
- ☐ **organ system**—A working group of organs with similar functions.
- ☐ **tissue**—A working group of cells with similar functions.

Tissues

Animal examples

- muscle
- nerve
- bone

Organs

Animal examples

- brain
- heart
- kidney

Plant examples

- leaf
- root

Organ Systems

Animal examples

- digestive system
- circulatory system

Plant example

- flower

Organisms

Animal examples

- squirrel
- worm

Plant examples

- corn
- oak tree

Concept Map: Levels of Organization


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
Date _____ Period _____

Directions: Select words from the word list to fill in the blank map items. Use each word only once, and use all the words on the list. Use the map legend to place plant and animal examples in the appropriate boxes.

WORD LIST	
bone	muscle
brain	nerve
CELLS	oak tree
circulation	ORGANISMS
corn	ORGANS
digestion	ORGAN SYSTEMS
flower	root
heart	squirrel
kidney	TISSUES
leaf	worm

SHAPE LEGEND

 Plant feature

 Animal feature

